

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 02/14903A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04N7/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 526 299 A (WICKERHAUSER MLADEN V ET AL) 11 June 1996 (1996-06-11) cited in the application abstract column 1, line 45 -column 2, line 26	1-76
A	LE PENNEC E ET AL: "Image compression with geometrical wavelets" PROCEEDINGS 2000 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING (CAT. NO.00CH37101), PROCEEDINGS OF 7TH IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, VANCOUVER, BC, CANADA, 10-13 SEPT. 2000, pages 661-664 vol.1, XP010530701 2000, Piscataway, NJ, USA, IEEE, USA ISBN: 0-7803-6297-7 cited in the application the whole document	1-76
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 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search	Date of mailing of the International search report
16 June 2003	30/06/2003
Name and mailing address of the ISA European Patent Office, P.B. 5018 Patenttaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl Fax: (+31-70) 340-3016	Authorized officer  Gries, T

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 233 357 B1 (LEI SHAW-MIN ET AL) 15 May 2001 (2001-05-15) cited in the application column 1, line 21 -column 3, line 3	1-76
A	DRAGOTTI P L ET AL: "FOOTPRINTS AND EDGEPRINTS FOR IMAGE DENOISING AND COMPRESSION" PROCEEDINGS 2001 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. ICIP 2001. THESSALONIKI, GREECE, OCT. 7 - 10, 2001, INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, NEW YORK, NY: IEEE, US, vol. 2 OF 3. CONF. 8, 7 October 2001 (2001-10-07), pages 237-240, XP001045559 ISBN: 0-7803-6725-1 cited in the application the whole document	1-76
A	STARCK J -L ET AL: "Very high quality image restoration by combining wavelets and curvelets" WAVELETS: APPLICATIONS IN SIGNAL AND IMAGE PROCESSING IX, SAN DIEGO, CA, USA, 30 JULY-1 AUG. 2001, vol. 4478, pages 9-19, XP002244432 Proceedings of the SPIE - The International Society for Optical Engineering, 2001, SPIE-Int. Soc. Opt. Eng, USA ISSN: 0277-786X the whole document	1-76
A	JEAN-LUC STARCK ET AL: "The curvelet transform for image denoising" IEEE TRANSACTIONS ON IMAGE PROCESSING, JUNE 2002, IEEE, USA, vol. 11, no. 6, pages 670-684, XP002244433 ISSN: 1057-7149 page 672, left-hand column, paragraph 2 - paragraph 4	1-76

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/14903

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5526299	A	11-06-1996	US	5384725 A		24-01-1995
			CA	2083158 A1		19-11-1991
			EP	0531455 A1		17-03-1993
			JP	5507598 T		28-10-1993
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